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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,160	02/19/2004	Adolfo S. Montero	DC-06017	5009
33438	7590	01/26/2007		
HAMILTON & TERRILE, LLP			EXAMINER	
P.O. BOX 203518			DU, THUAN N	
AUSTIN, TX 78720			ART UNIT	PAPER NUMBER
			2116	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		01/26/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/782,160

Applicant(s)

MONTERO ET AL.

Examiner

Thuan N. Du

Art Unit

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 November 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. It is hereby acknowledged that the following papers have been received and placed of record in the file: Amendment (dated 11/6/06).
2. Claims 1-20 are presented for examination.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
4. The rejections are respectfully maintained and reproduced infra for applicant's convenience.

Claim Rejections - 35 USC § 102

5. Claims 1, 2, 4-7, 9-11 and 14-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Du et al. [Du], U.S. Pub. No. 2004/0006690.
6. Regarding claim 1, Du teaches an information handling system comprising:
plural processing components operable to process information for presentation to a user [Figs. 3-7];
an operating system [0075, 0119] operable to coordinate operation of the processing components in a normal mode or a multimedia mode [p. 3, para. 0034-0038; p. 11, para. 0120];
a multimedia application operable to interface with predetermined of the processing components through the operating system to present multimedia information [p. 8, para. 0088];

a multimedia mode selector interfaced with one or more of the processing components and operable to accept a user selection of a multimedia mode of operation [p. 4, para. 0047; p. 5, para. 0062, 0064; p. 10, para. 0111]; and

a multimedia module interfaced with the multimedia mode selector and the operating system, the multimedia module operable to boot the processing components and operating system to the multimedia mode upon selection through the multimedia mode selector, the multimedia mode having substantially only the predetermined of the processing components configured to run in support of the multimedia application [p. 3, para. 0034, 0038; p. 10, para. 0111].

7. Regarding claim 2, Du teaches that the predetermined of the processing components comprise a CPU, memory, video devices, audio devices and input devices [p. 8, para. 0084-0085].

8. Regarding claims 4 and 5. Du teaches that the predetermined of the processing components further comprise a DVD disc drive and the multimedia application comprises a DVD movie player [para. 0044, 0045, 0084].

9. Regarding claim 6, Du teaches that the multimedia module is further operable to reduce CPU clock speed after boot the predetermined processing components to an operational state [para. 0045].

10. Regarding claim 7, Du teaches that the information handling system further comprising: one or more utility applications automatically initiated by the operating system, wherein the multimedia module is further operable to disable automatic initiation of the utility applications in the multimedia mode [p. 11, para. 0119].

11. Regarding claim 9, Du teaches that the information handling system further comprising: a power switch interfaced with the operating system and operable to accept a user selection of a normal mode of operation, the normal mode having the operating system boot substantially all of the processing components after a POST [para. 0062, 0082, 0112], wherein the multimedia module disables the POST for boots to the multimedia mode [para. 0120].

12. Regarding claims 10, 11 and 14-17, since they recite method of operating of the apparatus defined in the apparatus claims, they are rejected accordingly based on the rejection of the apparatus claims.

13. Regarding claims 18-20, they do not teach or further define over the limitations recited in the rejected claims above. Therefore, claims 18-20 are also anticipated by Du for the same reasons set forth in the rejected claims above.

Claim Rejections - 35 USC § 103

14. Claims 3, 8, 12 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Du et al. [Du], U.S. Pub. No. 2004/0006690.

15. Regarding claim 3, Du teaches that the system initializes only those components needed in multimedia mode [p. 3, para. 0034, 0038] but does not explicitly teach the processing components excluded from boot by the multimedia module comprise a network interface card, a wireless network interface, and a modem. One of ordinary skill in the art would have recognized that those components such as network interface card, a wireless network interface, and a modem are not needed in multimedia mode. Therefore, it would have been obvious to one of ordinary

Art Unit: 2116

skill in the art to recognize that Du does not initialize the components which are not needed in multimedia mode such as network interface card, a wireless network interface, and a modem.

16. Regarding claim 8, Du does not explicitly teach that the utility applications comprise an antivirus application. However, one of ordinary skill in the art would have recognized that an antivirus application would obviously include in any computer system for protecting the system.

17. Regarding claims 12 and 13, since they recite method of operating of the apparatus defined in the apparatus claims, they are rejected accordingly based on the rejection of the apparatus claims.

Response to Arguments

18. Applicant's arguments filed November 6, 2006 have been fully considered but they are not persuasive.

In response to applicant's argument that Du fails to teach, disclose or suggest using a common operating system in normal and multimedia modes, examiner respectfully disagrees. Du discloses that the mini OS is a subset, a script, a code, a program, etc. of the primary OS [0075, 0111, 0119]. When the normal mode is selected, the whole primary OS is loaded, and when the entertainment mode is selected, only a subset of the primary OS (mini OS) is loaded [0120]. Therefore, the primary OS disclosed by Du is the common operating system as claimed.

Conclusion

19. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuan N. Du whose telephone number is (571) 272-3673. The examiner can normally be reached on Monday-Friday: 9:30 AM - 6:00 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached at (571) 272-3676.

Central TC telephone number is (571) 272-2100.

The fax number for the organization is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

Art Unit: 2116

system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

TD
January 18, 2007

A handwritten signature in black ink, appearing to read 'Thuan N. Du', with a stylized, flowing script.

THUAN N. DU
PRIMARY EXAMINER